

What is claimed is:

1. An occupant weight detection system comprising:  
a vehicle seat;  
a plurality of weight detection means for sharing detection of the weight of an occupant seated on the vehicle seat; and  
a linking member for integrally linking the plurality of weight detection means so that these weight detection means maintain a predetermined positional relationship to each other.
2. An occupant weight detection system according to Claim 1 wherein the linking member has a square frame shape, and two weight detection means disposed along opposite side edges of the seat are secured along two sides of the linking member in a longitudinal direction of a vehicle body.
3. An occupant weight detection system according to Claim 1 wherein the linking member has a square frame shape, and four weight detection means disposed at four corners of the seat are secured at four corners of the linking member.
4. An occupant weight detection system according to Claim 1 wherein the linking member comprises a pair of front and rear members extending in a lateral direction of a vehicle body, and front ends of two weight detection means disposed along opposite side edges of the seat are secured to right and left ends of the front member and rear ends thereof are secured to right and left ends of the rear member.
5. An occupant weight detection system according to Claim 1 wherein the linking member comprises a pair of front and rear members extending in a lateral direction of a vehicle body, and four weight detection means are disposed at four

corners of the seat, among which two front weight detection means are secured to right and left ends of the front member and two rear weight detection means are secured to right and left ends of the rear member.